The invention claimed is:

1	 A method of managing signal-processing resources of a
2	multimedia platform that is designed for applying signal-processing
3	operations to multimedia signals, comprising:
4	defining multimedia functions each capable of monitoring the
5	operation of a set of multimedia platform signal-processing resources,
6	putting them in contact, and adapting the contents of said signal-
7	processing resource set depending on the multimedia signal to be
8	processed; and
9	using said multimedia functions to apply said signal-
10	processing operations to said multimedia signals.
1	2. The method of claim 1 wherein:
2	prior to applying any signal-processing operations to
3	multimedia signals, a multimedia function group is formed, wherein this
4	group includes all multimedia functions required for processing multimedia
5	signals in a given application.
J	signals in a given application.
1	3. The method of claim 1 wherein:
2	defining multimedia functions comprises
3	assembling basic functions that are configured for using the
4	resources that are available on the multimedia platform.
1	4. The method of claim 3 wherein:
2	
3	prior to applying any signal-processing operations to
4	multimedia signals, a multimedia function group is formed, wherein this
5	group includes all multimedia functions required for processing multimedia signals in a given application.
J	oignals in a given application.
1	5. The method of claim 3 wherein:
2	each signal-processing resource of the multimedia platform
3	belongs to a type of resource, and

4	the signal-processing resources of a same type are
5	controlled by the sam\ontrol instructions.
1	6. The method of claim 5 wherein:
2	prior to applying any signal-processing operations to
3	multimedia signals, a multimedia function group is formed, wherein this
4	group includes all multimedia functions required for processing multimedia
5	signals in a given application.
1	7. The method of claim 3, wherein:
2	the resources that are available on the multimedia platform
3	are declared to a negotiation device of the multimedia platform when they
4	are powered-on for a first time.
4	O The mails of the
1	8. The method of claim 7 wherein:
2	prior to applying any signal-processing operations to
3	multimedia signals, a multimedia function group is formed, wherein this
4	group includes all multimedia functions required for processing multimedia
5	signals in a given application.
1	9. The method of claim 7 wherein:
2	each signal-processing resource of the multimedia platform
3	belongs to a type of resource, and
4	the signal-processing resources of a same type are
5	controlled by the same control instructions.
1	10. The method of eleting out.
	10. The method of claim 9 wherein:
2	prior to applying any signal-processing operations to
3	multimedia signals, a multimedia function group is formed, wherein this
4	group includes all multimedia functions required for processing multimedia
5	signals in a given application.

1	11. An apparatus for managing signal-processing resources
2	of a multimedia platform that is designed for applying signal-processing
3	operations to multimedia signals, comprising:
4	means for defining multimedia functions each capable of
5	monitoring the operation of a set of multimedia platform signal-processing
6	resources, putting them in contact, and adapting the contents of said
7	signal-processing resource set depending on the multimedia signal to be
8	processed; and
9	means for using said multimedia functions to apply said
10	signal-processing operations to said multimedia signals.
1	12. A multimedia platform for defining multimedia functions
2	each capable of monitoring the operation of a set of multimedia platform
3	signal-processing resources, putting them in contact, adapting the
4	contents of said signal-processing resource set depending on the
5	multimedia signal to be processed, and using said multimedia functions to
6	apply said signal-processing operations to said multimedia signals, and
7	including a plurality of signal-processing resources, comprising:
8	a resource interface (3) wherein operations are defined that
9	make it possible to control said signal-processing resources;
10	a resource management unit (2) for dynamically allocating
11	signal-processing resources depending on the signal-processing operation
12	to be carried out and managing exchanges among signal-processing
13	resources;
14	an application interface (5) wherein said multimedia
15	functions are defined; and
16	an application unit (4) having an application program for
17	applying said multimedia functions.